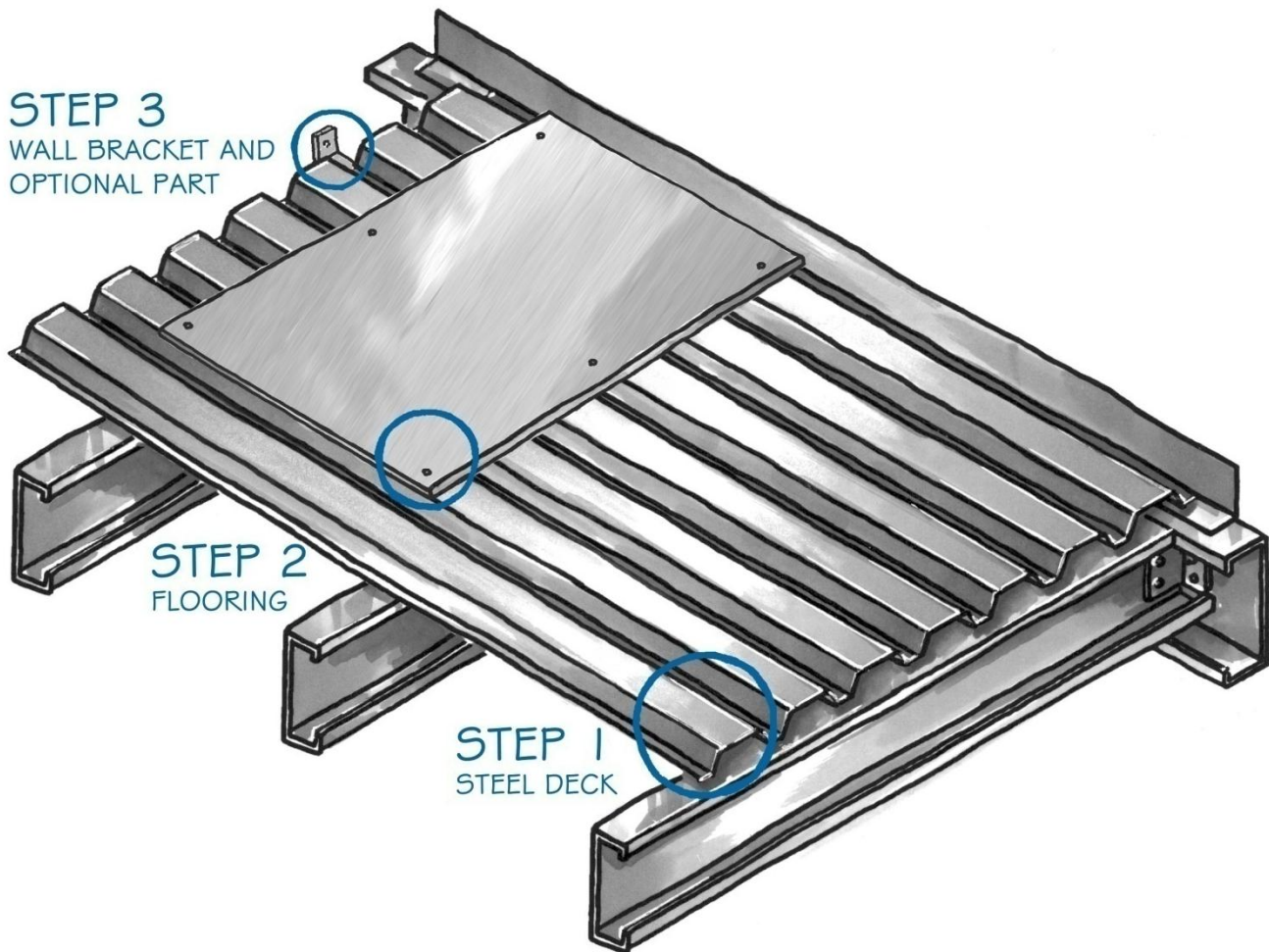


FLOORING INSTALLATION MANUAL



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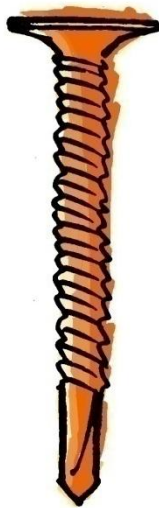
Cogan® **FASTER.
LEANER.
BETTER.™**



Ø1/4"x1" HEX
HEAD TEK SCREW



Ø1/4"x1 3/4" HEX
HEAD TEK SCREW



Ø1/4"x4" FLAT
HEAD TEK SCREW



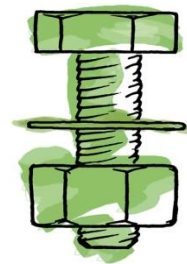
Ø1/4"x2" FLAT
HEAD TEK SCREW



#8x1 1/2" WOOD SCREW



Ø1/4"x1/2" RIVET



Ø5/16"x1" BOLT

STEP 1

STEEL DECK (ROOF DECK)



For all types of flooring notching and fitting may occur

Column/extension post

Handrail post

Kickplate

Channel/joist

18" center

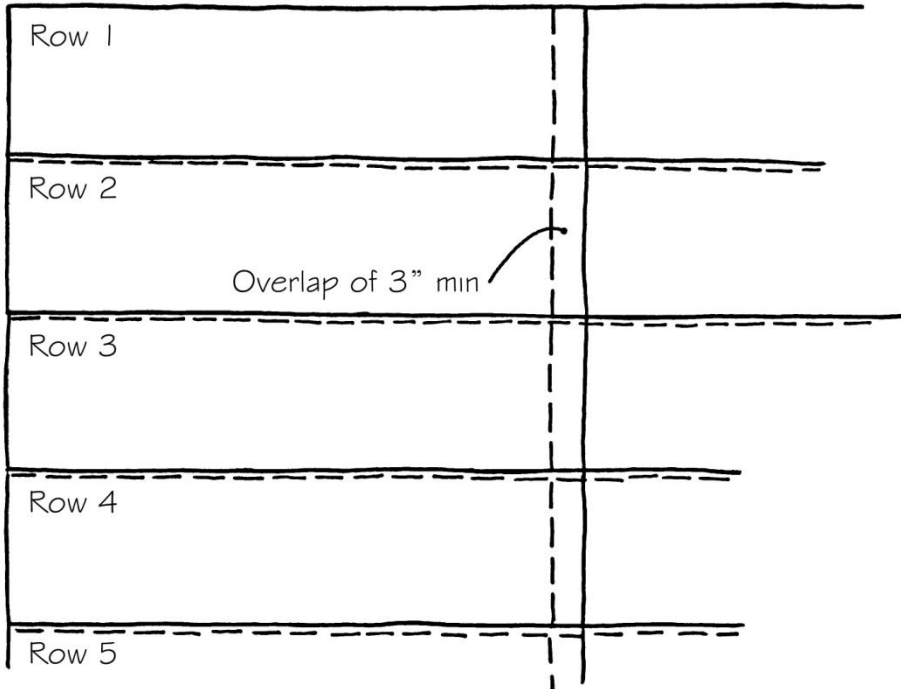
TOP VIEW

SIDE VIEW

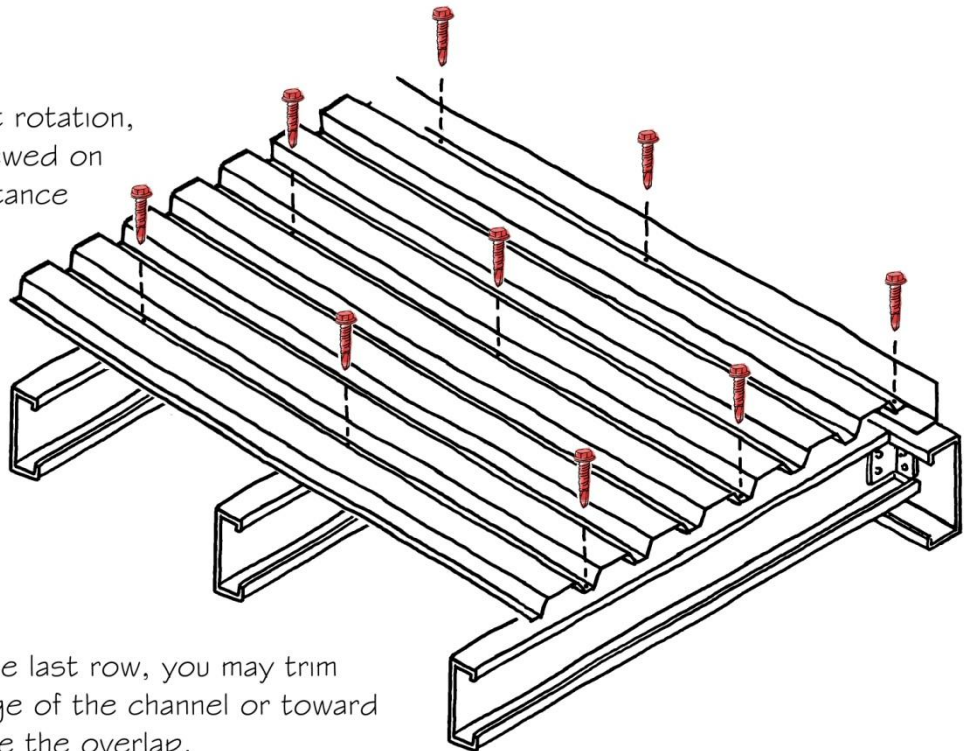




Install roof deck panels starting with row 1. Always begin from edge of a channel or wall. Check on your installation drawings to know where to put the first panel and the length of it. Continue with row 2 and fix it side by side with an overlap all along the panel.



In order to prevent joist rotation, steel deck must be screwed on all joist at 18" max. distance



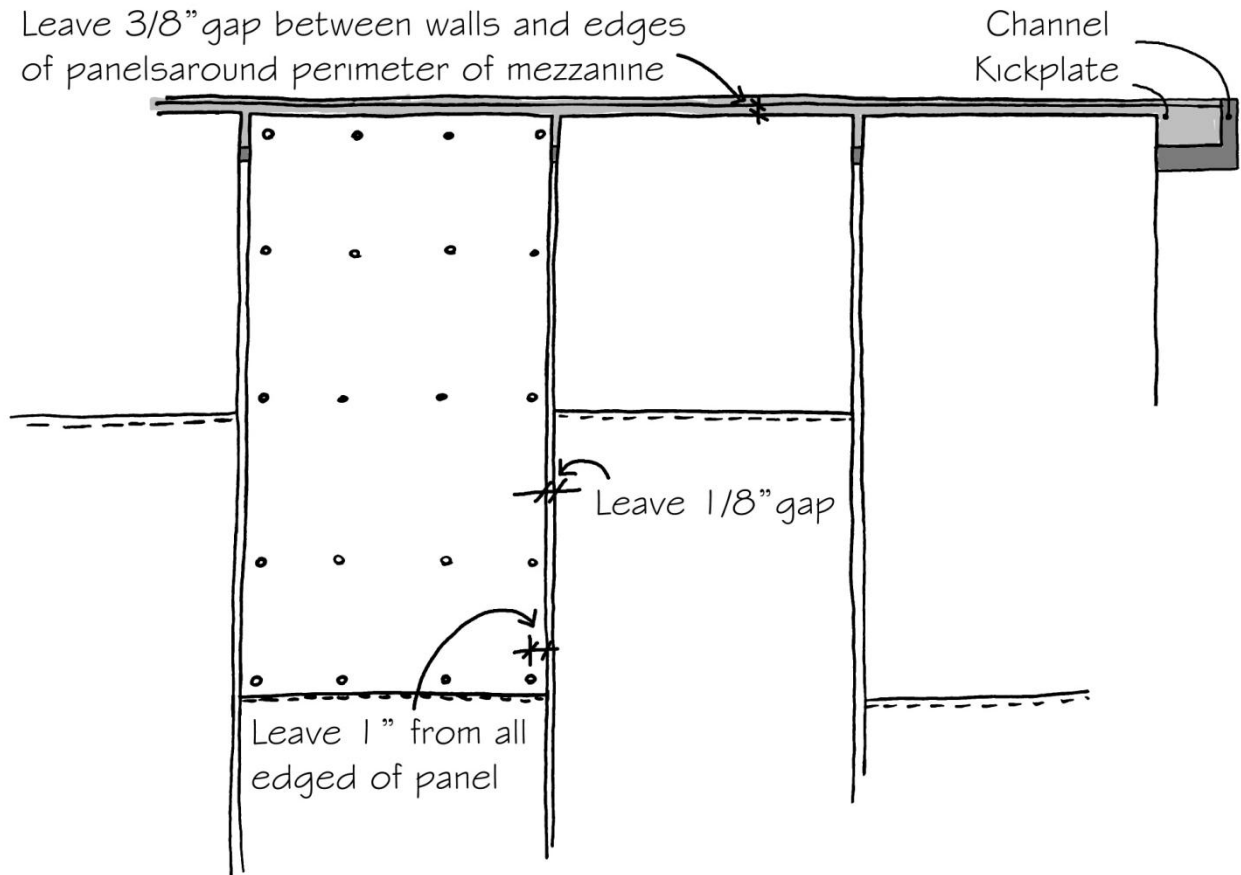
Once you've reached the last row, you may trim the roof deck along edge of the channel or toward the wall or you may leave the overlap.

STEP 2

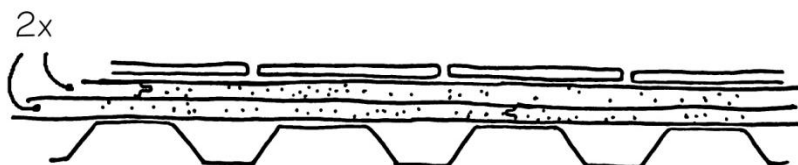
FLOORING (COMPOSITE RESIN BOARD, DIAMOND PLATE, PLYWOOD AND OSB)



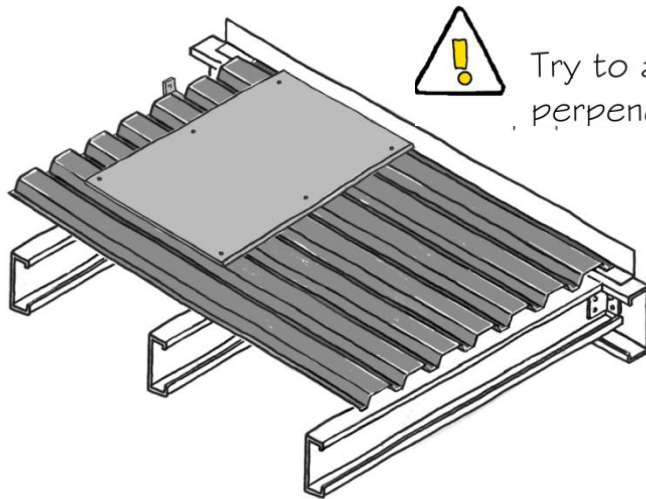
Cutting and fitting for composite deck is done by installer



If an overlay of tiles or carpet is to be installed, a second layer of OSB or PLYWOOD is recommended to prevent damage to the flooring.

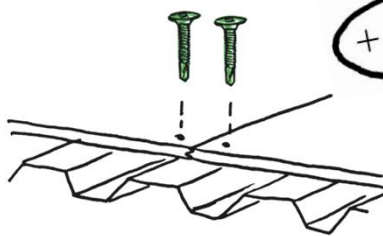


FLOORING (COMPOSITE RESIN BOARD, DIAMOND PLATE, PLYWOOD AND OSB)



Try to always lay panels perpendicular to steel deck

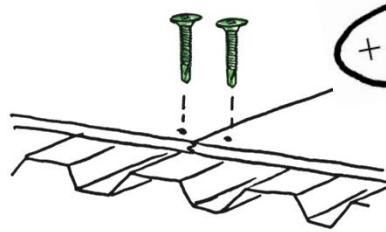
Use #8 x 1 1/2"
wood screw
(screw at every 16")



+ - 20/sheet

Plywood and OSB

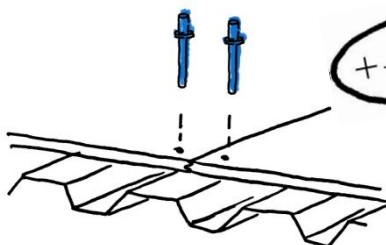
Use #8 x 1 1/2"
wood screw
(screw at every 18")



+ - 20/sheet

Composite resin board

Use rivet 1/4" x 1/2"
(pre-drill ϕ 1/4" holes at
every 18")

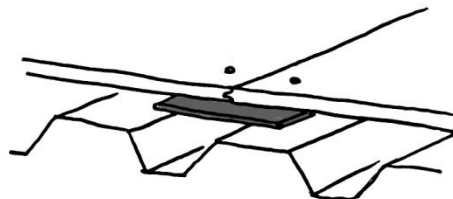


+ - 12/sheet

Diamond plate



Stager panels so that joints break on different ribs when possible.
8" wide x 14 gauge min. steel shims are used when joints breaks on a valley

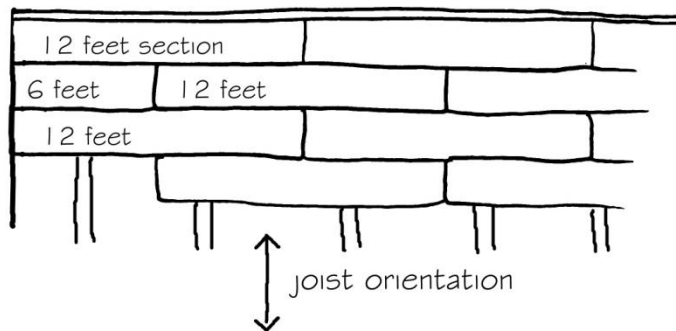


STEP 2

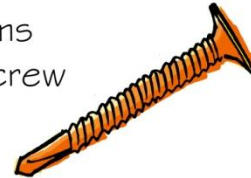
FLOORING (OPEN STEEL PLANKING)



Cutting and fitting for O.S.P.
is done by installer

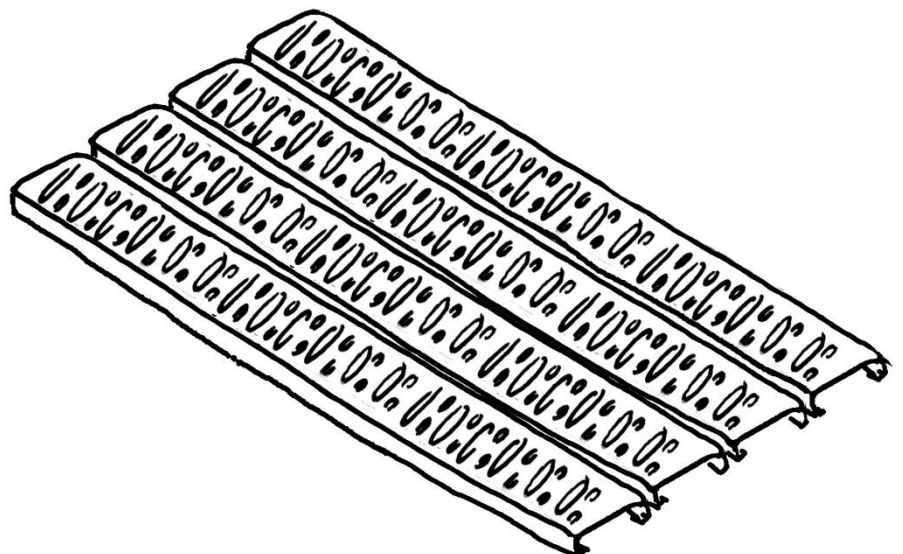


Drill $\varnothing 3/8$ " holes in O.S.P. at locations
over joists. Install 4" flat head tek screw
with Robertson bit.
(Use 15 screws per 100sq.ft.)



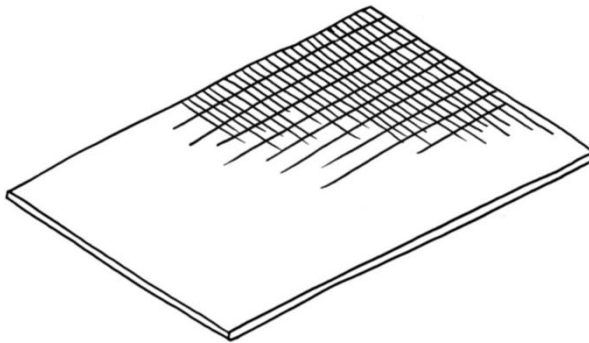
You must stagger the joints to ensure
a solid floor system

Attach each O.S.P. to it's
adjacent O.S.P. at every
24" max. using $\varnothing 5/16$ " x 1" bolts

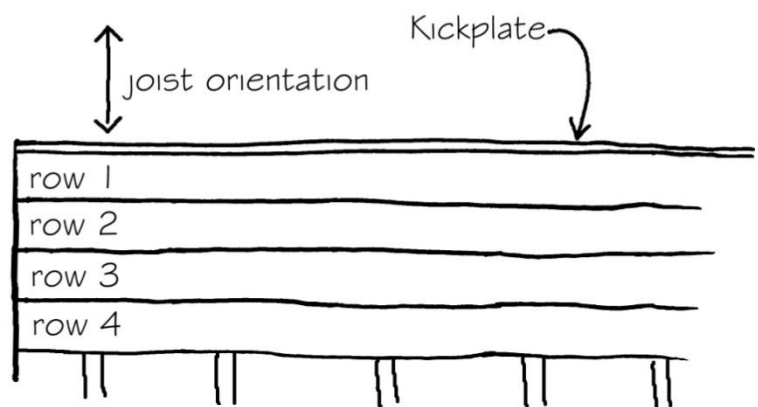


STEP 2

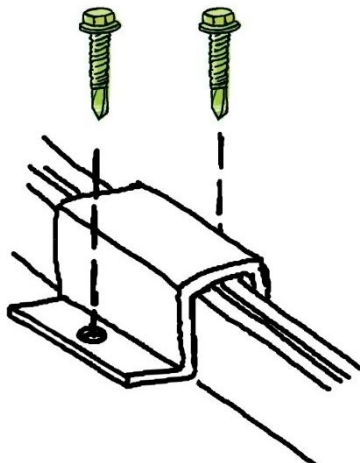
FLOORING (BAR GRATING)



Install bar grating panels starting with row 1. The bar grating panel length is indicated on your installation drawing plan. Lay the panels side by side.

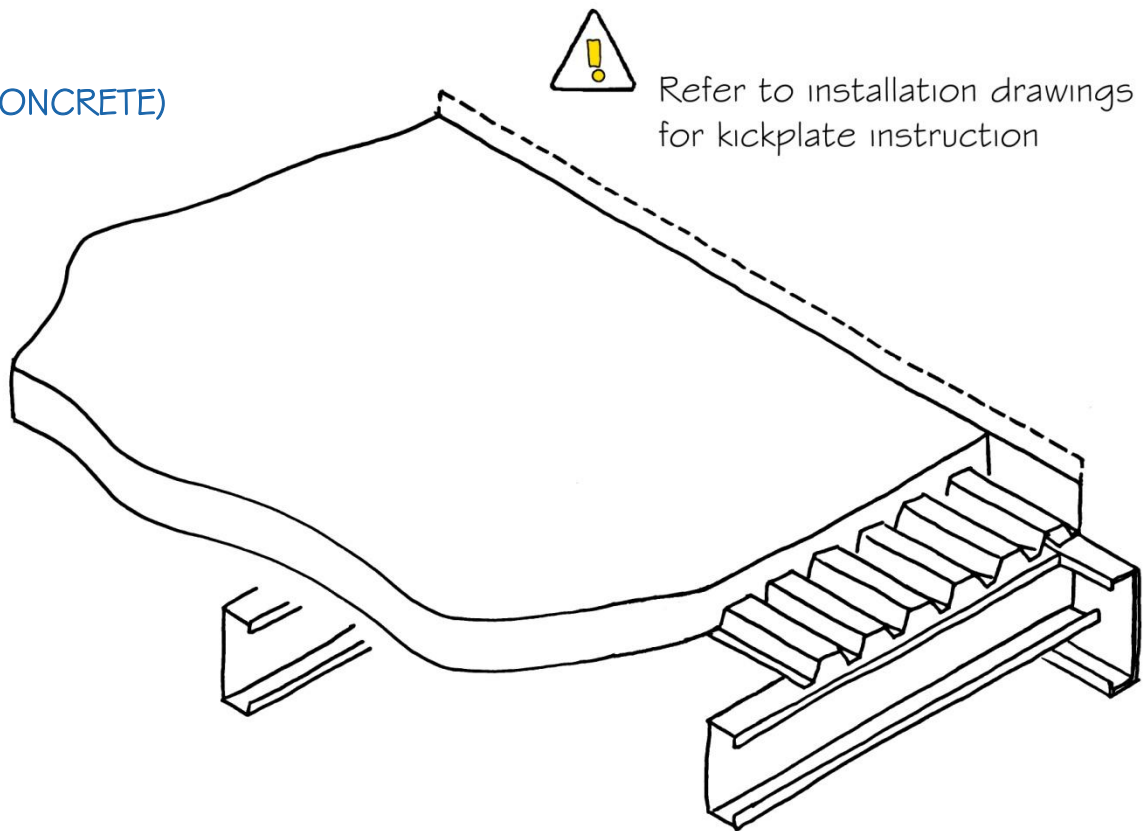


Install bar clips on all joists at 18" max. distance. Use $\phi 1/4"$ x $1 3/4"$ hex head tek screw



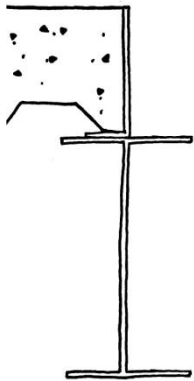
STEP 2

FLOORING (CONCRETE)

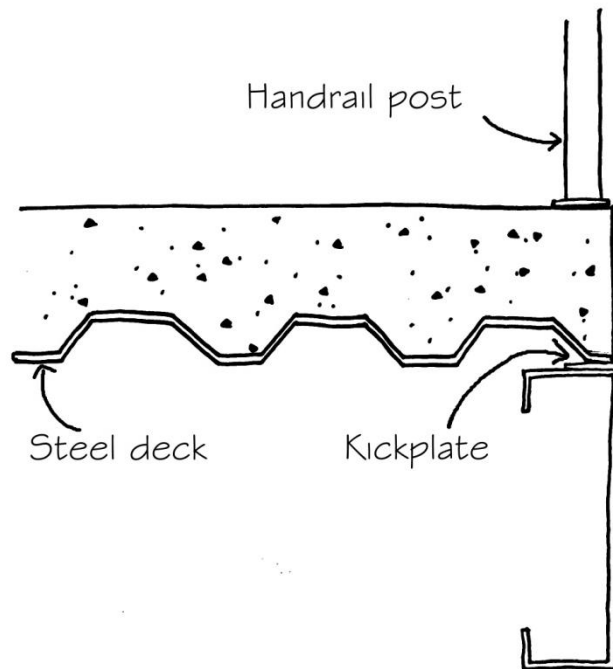
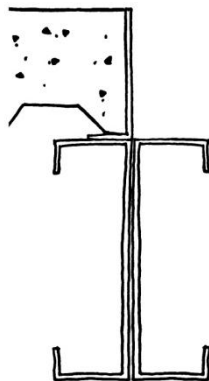


After installing kickplate all around the mezzanine, make sure there are no possibility of leaking anywhere. You can then proceed to lay your steel deck and **AFTER** lay your concrete floor over the steel deck.

if I-beam

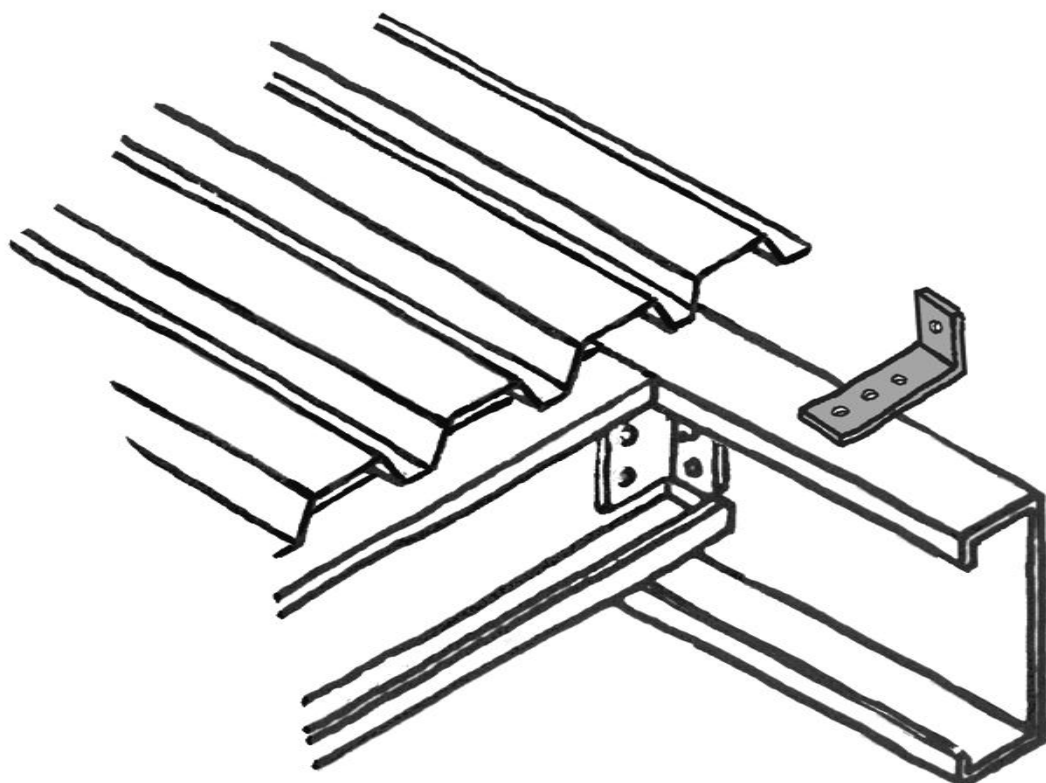
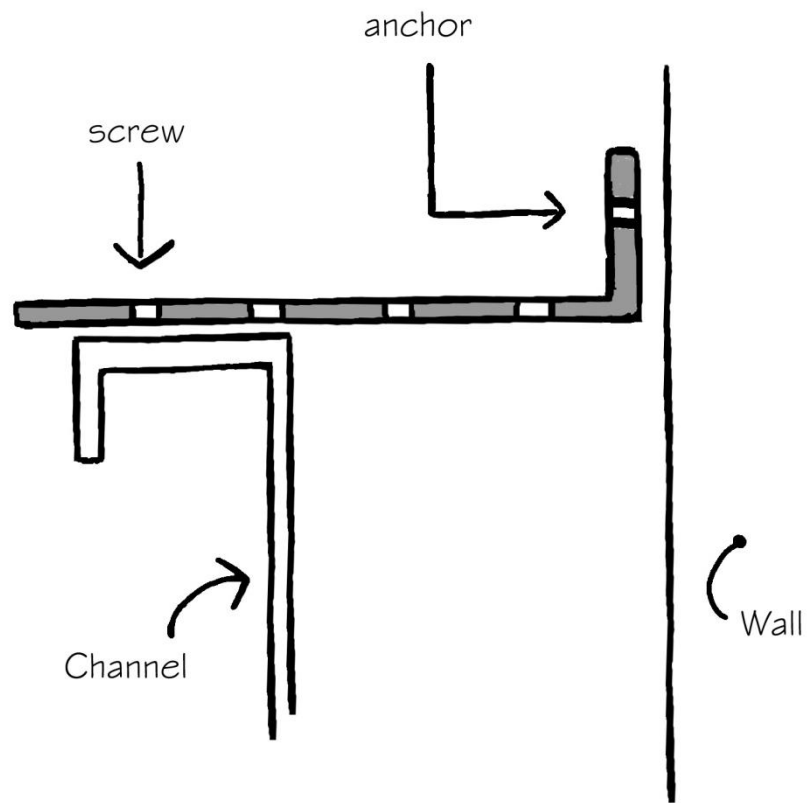


If back to back channel



STEP 3

WALL BRACKET



STEP 3

OPTIONAL PART (LOADING PLATE)



Install the loading plate at gate opening (swing, sliding or lift-out). To attach, tek screw to the flooring along the edge of loading plate.

THE LOADING PLATE IF SIZED TO MATCH THE OPENING, NO ADJUSTMENT REQUIRED

